



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yuichi YAMAMOTO et al.

Serial No. 10/840,235

Filed May 7, 2004

: **Confirmation No. 9682**

: **Attn: BOX MISSING PARTS**

: **Attorney Docket No. 2004_0583A**

SILICONE-MODIFIED ANTIMICROBIAL
POLYMER, ANTIMICROBIAL AGENT AND
ANTIMICROBIAL RESIN COMPOSITION :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication (*for U.S. National applications filed after June 30, 2003 and International applications that have entered U.S. National Stage after June 30, 2003*),
- ☐ each reference previously cited in the international application PCT/__; and/or
- ☐ each reference previously cited in prior parent application Serial No.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☒ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☒ the concise explanation contained in the specification of the present application at page 6,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☒ Comments:

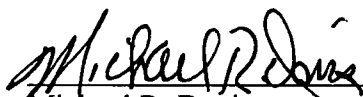
The US '585 reference cited on the attached PTO-1449 form corresponds to the JP '235 reference cited on this form.

The Seino et al. and Tanaka references cited on the attached PTO-1449 form correspond to Technical Documents 1 and 2, respectively, referred to on page 4 of the specification.

Respectfully submitted,

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July 16, 2004

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| FORM PTO 1449 (modified) | | | | ATTY DOCKET NO. 2004-0583A | | SERIAL NO. 10/840,235 | |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | APPLICANT Yuichi YAMAMOTO et al. | | | |
| LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | FILING DATE May 7, 2004 | | GROUP 1615 1796 | |
| Date Submitted to PTO: July 16, 2004 | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | 4,775,585 | 10/1988 | Hagiwara et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
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| | AI | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | AJ | 59-133235 | 7/1984 | Japan | | | |
| | AK | 54-147220 | 11/1979 | Japan | | | |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | AO | Haruyoshi SEINO et al., "Usefulness of New Chitosan Derivative Forming Polymer Emulsion as Cosmetic Ingredients", Japan Cosmetic Journal, Vol. 26, No. 2, pages 71-78, 2002. | | | | | |
| | AP | Munehiko Tanaka, "Modification of Functional Properties of Protamine and Polylysine", Foods Food Ingredients Journal Japan, No. 185, pages 23-30, 2000. | | | | | |
| | AQ | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |
| /Kuo Liang Peng/ | | | | 03/07/2008 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH: /K.P./